

SOLAR COOKERS FOR 43 TIBETAN FAMILIES



18 September 2010

From: Lugyal (Simon) 

Director, Friend of Rural Development¹

To: Kalle Mattila, Kaarina Sergejeff, and Nadja Nowak of Finland; and Gloria Gonick of the USA

Summary: 43 households (284 Tibetans) each received a solar cooker in Yaklong Village, Guide County, Qinghai Province. Solar cooker recipients were selected who had no solar cooker, who were poor, and who lacked people able to collect fuel. Each recipient household provided 30RMB (43 solar cookers x 30RMB/household =1,290RMB). This local contribution, plus the contribution of 7,410RMB from Kalle Mattila, Kaarina Sergejeff, and Nadja Nowak of Finland; and Gloria Gonick of the USA, financed the purchase of forty-three solar cookers (8,170RMB) and paid for management costs (530RMB). Total project cost was 8,700RMB.

Local women and girls now spend less time gathering fuel and less time in smoky kitchens. This saved time is used to collect medicinal plants to sell to increase household income. Old people who are unable to chop wood and make a fire now worry much less about cooking and having hot water while young family members are outside the home earning income. The solar cookers make it easier to boil water for tea and heat food. The local environment is also a beneficiary—fewer bushes are dug up, fewer trees are chopped down, less dung is collected, and less smoke is created through these materials.

Sincere appreciation for your contribution from all project beneficiaries.

¹ FRCD is a non-profit local NGO established to improve rural people's livelihoods in Qinghai Province. The organization is based in Xining City and strives to develop rural residents' capability by enhancing education and job opportunities, preserve rural culture and the environment by improving rural people's awareness of environmental and cultural values, and improve the rural economy and social services. Lugyal may be contacted at slijia@gmail.com; simonlijia@yahoo.com.cn.

Final Report

Project Name: Solar Cookers for Yaklong གཡག་ལུང་ཁྱེ་བ། Tibetan Village

Project Location:

- Yaklong Village, Luohantang Township, Guide County, Qinghai Province, PR China
- གཡག་ལུང་ཁྱེ་བ། ལྷོ་ཁང་ཐང་། ཁྱི་གཞོང་། མཚོ་ཁྲོན།
- 叶后龙村, 罗汉堂乡, 贵德县, 青海省

Management: Friend of Rural Community Development (FRCD)

Cost: 8,700RMB

Before and After the Project

Pre-Project	Post-Project
Recipient families spent about 4 hours daily in smoky kitchens preparing food and heating water.	2 to 2.5 hours daily in the kitchen. Having hot water heated with solar cookers shortens cooking time. Lunch is also sometimes cooked with solar cookers.
Heating water in the kitchen for livestock required about 2 hours daily.	Fuel is now rarely burned to heat water for livestock.
Village women and girls spent about 3 months annually collecting firewood and dung for fuel.	The villagers estimate they will spend only 2 months annually on fuel collection. Villagers in a nearby community with solar cookers spend 20 to 30 days per year collecting fuels.
Each household burnt 1.5 tons of coal a year	Villagers estimate they will burn 0.5-1 ton of coal a year.
90% of women were minimally involved in income generating activities because of housework and fuel collection.	17 out of 21 women interviewed expecting to have time for income generating activities.
Children collected yak dung and bushes around their village after school and during holidays.	Children spend much less time on collecting fuel.

Project Activities

2010	Activities	Participants
August 8	selected beneficiaries	Rebgye རེག་རྒྱལ་ and 4 village elders
August 17	solar cookers delivered and distributed; local contribution was collected	Rebgye and Lugyal
September 2	Two FRCD interns did an assessment in the village	two interns

Finances

- Total Cost: 8,700RMB
- Donor contribution = 1,024.50 + 6,385.50 = 7,410RMB
- Local contribution: 43 solar cookers x 30RMB/household =1,290RMB

Item	Description	RMB	Total RMB
solar cookers	43 solar cookers, including transportation	190	8,170
management cost	bus tickets = 94.80, food = 120, accommodation = 220, taxi = 66, phone = 30.	530	530
Total			RMB8,700

IMAGES

Image One.	Recipients.
Image Two.	Recipients.
Image Three.	Unloading the solar cookers in the village.
Image Four.	Unloading the solar cookers in the village.
Image Five.	Unloading the solar cookers in the village.
Image Six.	Mr. Donba reads the names of those who contributed funds for solar cooker purchase.
Image Seven.	Ms. Shangqin Co adjusts the solar cooker.
Image Eight.	The solar cookers reduce firewood and dung collection and burning.
Image Nine.	The solar cooker is used frequently to boil water.
Image Ten.	The solar cooker is used frequently to boil water.
Image Eleven.	Map.
Image Twelve.	Map.
Image Thirteen.	Map.

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ཐག་པ་ཁྱེད་

དེ་ལྟར་ཁྱེད་

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小正太

公拉环

小正太

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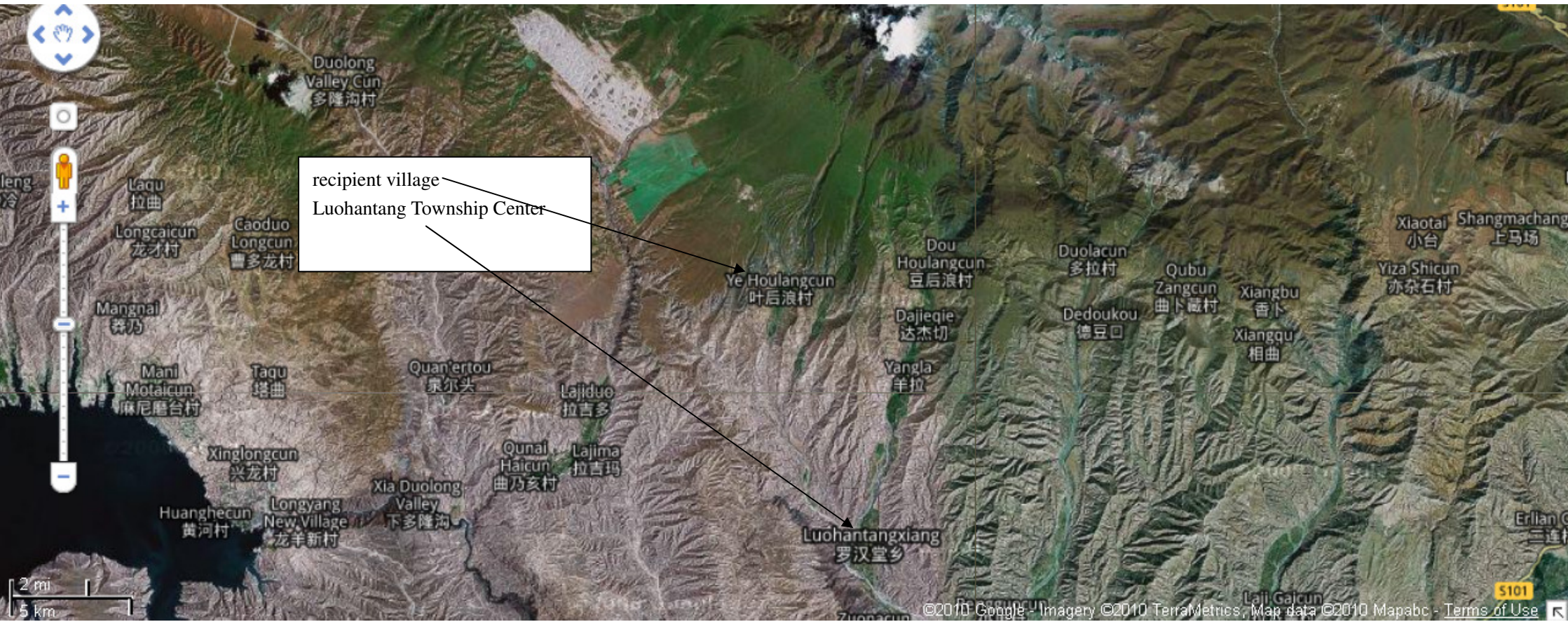
















- Qinghai Lake
- Xining City
- Guide County Town (Guide is the county where the project was done)
- Lanzhou City